

CLAIMS

What is claimed is:

1. A method of recording/reproducing information on/from an information storage medium by utilizing control information including version information, timing information, and recording speed information, the method comprising:
recording and/or reproducing existing control information with respect to a predetermined first area of the information storage medium; and
recording and/or reproducing updated control information with respect to another area of the information storage medium other than the first area,
wherein the version number information of the existing and updated control information includes a predetermined set of parameters used for recording and/or reproducing data with respect to the information storage medium.
2. The method of claim 1, wherein the updated control information is recorded in a successive manner with respect to the existing control information.
3. The method of claim 1, wherein one of the existing and updated control information further comprises information indicating at least one of a recording speed, a recording power, a reproduction power, and a recording pattern.
4. The method of claim 1, wherein one of the existing and updated control information is recorded by one of a push-pull signal channel and a sum channel.
5. The method of claim 4, wherein the one control information is reproduced via the push-pull signal channel and is recorded in a groove wobble format.
6. The method of claim 4, wherein the one control information is reproduced by the sum channel and is information that is recorded in a recordable area of at least one of a lead-in area and a lead-out area of the information storage medium.
7. The method of claim 1, wherein one of the existing and updated control information is recorded in a groove wobble format and in a recordable area of at least one of a lead-in area and a lead-out area of the information storage medium.

8. The method of claim 1, wherein one of the existing and updated control information is recorded in a groove wobble.

9. A recording and/or reproducing apparatus to record and/or reproduce data with respect to an information storage medium having disc information including existing control information and updated control information, the apparatus comprising:

an optical pickup to transfer data with respect to the information storage medium; and
a controller which controls the optical pickup to detect the existing and updated control information from a first area of the information storage medium, to determine which of the existing and updated control information corresponds to a drive control information usable by the apparatus, and to control the optical pickup to transfer the data with respect to a second area of the information storage medium other than the first area according to the determined one of the existing and updated control information,

wherein each of the existing and updated control information includes version information, timing information, and recording speed information.

10. The recording and/or reproducing apparatus of claim 9, wherein the existing and updated control information are successively recorded in the first area.

11. The recording and/or reproducing apparatus of claim 9, wherein one of the existing and updated control information further comprises information indicating at least one of a recording speed, a recording power, a reproduction power, and a recording pattern.

12. The recording and/or reproducing apparatus of claim 9, wherein one of the existing and updated control information is recorded by one of a push-pull signal channel and a sum channel.

13. The recording and/or reproducing apparatus of claim 12, wherein the one control information is reproduced via the push-pull signal channel and is recorded in a groove wobble format.

14. The recording and/or reproducing apparatus of claim 12, wherein the one control information is reproduced by the sum channel and is information recorded in a recordable area of at least one of a lead-in area and a lead-out area of the information storage medium.

15. The recording and/or reproducing apparatus of claim 9, wherein one of the existing and updated control information is recorded in a groove wobble format and in a recordable area of at least one of a lead-in area and a lead-out area of the information storage medium.

16. The recording and/or reproducing apparatus of claim 9, wherein one of the existing and updated control information is recorded in a groove wobble.